

IMPEDANCE EQUALIZATION MODULE

ABSTRACT OF THE INVENTION

A thin film circuit module constructed for serial coupling to circuit conductors at printed and transmission line circuits. In one form of equalizer construction, thin film circuit elements are deposited on a supporting substrate and wherein a capacitor plate is defined a circuit resistor. Two connector applications serially couple the equalizer modules to trace conductors of a motherboard connector block and to cylindrical core conductors of a coaxial connector. Other hybrid equalizer constructions provide modules constructed of thin film resistors and pick-and-placed capacitors mounted piggyback to an equalizer module substrate.